

ARTpolis YOUNG ARCHITECTS INTERNATIONAL SCHOOL KAZAN 2018

Grant Support:

Росмолодежь

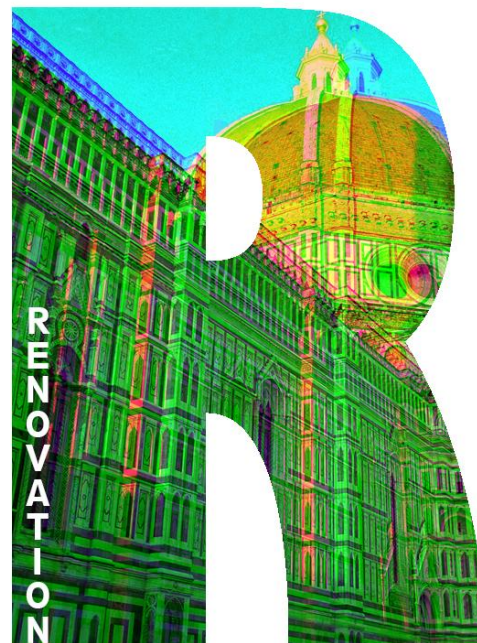


Ресурсный
Молодежный
Центр

Technical Partner:



ТСНРУ



**INTERDISCIPLINARY STUDY:
INTEGRATED DESIGN
for SUSTAINABLE FUTURE**

November 5-19, 2018

Organizer:



(KSUAE)
Kazan State University
of Architecture and
Engineering

Partners:



(UEL)
University of
East London



(UINIFI)
University of
Florence









(DUTH)
Democritus
University of
Thrace

polis

(KSUAE) Kazan State University of Architecture and Engineering, Kazan (Russia)

Programme Overview	<p>The International School for Young Architects, ARTpolis offers intensive 15-day programme in architectural theory and practical application of the SMART-city technology, BIM-technology, parametric design to create an interactive space for sustainable future for college and high school students who are interested in exploring architecture for future. Our challenging program provides methodological training, lectures, master classes, workshops and guided tours of architectural monuments in Kazan. Our students acquire (1) understanding of the conceptual and BIM methods, (2) application of these methods during pre-design and design stages, (3) experience in integrated design projects and (4) experience & presentation of their group project.</p>	
Location	<p>(KSUAE) Kazan State University of Architecture and Engineering Zelenaya 1 – 420043 Kazan, Russia</p>	
Dates	<p>5-19 November, 2018</p>	
Programme Leader	<p>Dr. Karina Nabiullina, Dean, Institute of Architecture & Design KSUAE Dr. Olga Poroshenko, Head for International Relations KSUAE</p>	
Coordinators	<p>Arch. Elza Bashirova, Programme Leader of Architectural Science, Double degree programme KSUAE - University of East London (UK) e-mail: bashirova.arch@gmail.com; Arch. Sophia Agisheva, Programme Leader of Building Design, Double degree programme KSUAE – University of East London (UK) e-mail: agisheva@mail.ru</p>	
Lectors	<p>Dr. Peter Lakin, (UEL) University of East London, UK Dr. Renee Tobe, (UEL) University of East London, UK Prof. Stefano Bertocci, (UNIFI) University of Florence, IT Dr. Michelangelo Pivetta, (UNIFI) University of Florence, IT Prof. Alkiviadis Prepis, (DUTH) Democritus University of Thrace, GR Dr. Alkistis Prepi, National Technical University of Athens, GR</p>	<p>Prof. Peter Orekhovsky, Russian Academy of Science, RU Prof. Vicente Gualart, (HSE) High School of Economics, RU / (IAAC) Institute for Advanced Architecture of Catalonia, ES</p>
Tutors from KSUAE	<p>Elza Bashirova, Department of Theory and Practice in Architecture, KSUAE Sophia Agisheva, Department of Theory and Practice in Architecture, KSUAE Albina Khayrullina, Dep.of Reconstruction, Restoration of Architectural Heritage & the Foundations of Architecture, KSUAE Irina Nasyrova, Dep.of Reconstruction, Restoration of Architectural Heritage & the Foundations of Architecture, KSUAE Irina Karpova, Dep.of Reconstruction, Restoration of Architectural Heritage & the Foundations of Architecture, KSUAE Merine Grigoryan, Department of Theory and Practice in Architecture, KSUAE Anna Rikhert, Department of Theory and Practice in Architecture, KSUAE</p>	

General Objectives	<ol style="list-style-type: none"> (1) Introduction to innovative environmental, energy-efficient and digital technologies (BIM, SMART) in the field of architecture and urban design, and their application possibilities; (2) Mastery of the hand drawing and modeling skills in pre-design and design phases; (3) Understanding of modern challenges in the field of architecture and urban design: interactivity, humanity, environmental friendliness and so on; (4) Understanding the impact of pre-project research to the final result, enabling the ability to formulate practical tasks and solve them by architectural means; (5) Application of the team discussion and project thinking to the design process; 		
Target group	Mixed Undergraduate students in Architecture, Urban Design, Landscape Architecture, Building Design and High-school students interested in Architecture		
Organizer		(KSUAE) Kazan State University of Architecture and Engineering, Russia www.kgasu.ru	
Partners		(UEL) University of East London, UK www.uel.ac.uk	 (DUTH) Democritus University of Thrace, Greece www.duth.gr  (UNIFI) University of Florence, Italy www.unifi.it
Grant Support	  Ресурсный Молодежный Центр		
Language / Credits / Duration	English / Full-time, 15 days / 6 ECTS		
Support & Promotion	Zarina Muksinova , pr-manager, translator, International Department, KSUAE e-mail: interksaba@mail.ru		

ARTpolis YOUNG ARCHITECTS INTERNATIONAL SCHOOL
Interdisciplinary study: integrated design for sustainable future

PROGRAMME STRUCTURE & TIMETABLE (part 1)

N	Day 1 5 November	Day 2 6 November	Day 3 7 November	Day 4 8 November	Day 5 9 November	Day 6 10 November	Day 7 11 November			
10-11		LECTURE SESSION 1 <i>(Dr. Peter Lakin)</i>	LECTURE SESSION 1 <i>(Dr. Renee Tobe)</i>	LECTURE SESSION 1 <i>(Dr. Peter Lakin)</i>		TOUR Kazan city	DAY OFF			
11-12	INTRODUCTION Opening Ceremony / Official meetings, Tour at KSUAE's campus / Meetings with Staff involved in the Programme				LECTURE SESSION 2 <i>(Dr. Renee Tobe)</i>			LECTURE SESSION 3 <i>(Prof. Vicente Guallart)</i>	LECTURE SESSION 1 <i>(Dr. Peter Lakin)</i>	CONFERENCE "Smartpolis"
12-13										
13-14	lunch	lunch	lunch	lunch						
14-15	Intro Lecture / Groups' forming / Meeting with tutors	MASTER CLASS 01 <i>(Arch. Egor Orlov) Part 1</i>	MASTER CLASS 02 <i>(Dr. Nikolay Ryabov)</i>	LECTURE SESSION 4 <i>(Prof. Peter Orekhovsky)</i>	MASTER CLASS 03 <i>(Dr. Anna Akatyeva)</i>					
15-16								break	break	
16-17	WORKSHOP Task & Site visit	WORKSHOP Work in groups	MASTER CLASS 01 <i>(Arch. Egor Orlov) Part 2</i>	MASTER CLASS 01 <i>(Arch. Egor Orlov) Part 3</i>	WORKSHOP Work in groups					
17-18								Free time	Free time	Free time

ARTpolis YOUNG ARCHITECTS INTERNATIONAL SCHOOL
Interdisciplinary study: integrated design for sustainable future

PROGRAMME STRUCTURE & TIMETABLE (part 2)

N	Day 10 12 November	Day 9 13 November	Day 10 14 November	Day 11 15 November	Day 12 16 November	Day 13 17 November	Day 14 18 November	Day 15 19 November
10-11	LECTURE SESSION 5 <i>(Prof. Stefano Bertocci)</i>	LECTURE SESSION 5 <i>(Prof. Stefano Bertocci)</i>	LECTURE SESSION 7 <i>(Dr. Michelangelo Pivetta)</i>	LECTURE SESSION 7 <i>(Dr. Michelangelo Pivetta)</i>	FINAL REVIEW Presentation	TOUR Kazan city	DAY OFF	AWARDS CEREMONY Official closing
11-12								
12-13	LECTURE SESSION 6 <i>(Prof. Alkiviadis Prepis)</i>	LECTURE SESSION 6 <i>(Prof. Alkiviadis Prepis)</i>	LECTURE SESSION 6 <i>(Prof. Alkiviadis Prepis)</i>	LECTURE SESSION 6 <i>(Prof. Alkiviadis Prepis)</i>				
13-14	lunch	lunch	lunch	lunch				
14-15	WORKSHOP Work in groups	LECTURE SESSION 7 <i>(Dr. Michelangelo Pivetta)</i>	LECTURE SESSION 8 <i>(Dr. Alkistis Prepis)</i>	LECTURE SESSION 8 <i>(Dr. Alkistis Prepis)</i>	FINAL REVIEW Presentation	Free time	Free time	Departure of external students
15-16								
16-17		WORKSHOP Work in groups	WORKSHOP Work in groups	WORKSHOP Work in groups				
17-18		Free time	Free time	Free time	Free time			

1



Peter Lakin, Engineering Surveyor, *School of Architecture Computing and Engineering (ACE) at (UEL) University of East London, UK*

current position: (a) Segnior Lecturer of School of Architecture Computing and Engineering (ACE) , (UEL) University of East London, UK
(b) Link Tutor - East Kent College/Canterbury Christchurch University (2012 - continuing)
(c) Link Tutor - Building Crafts College, Stratford (2008 - continuing)
(d) External Examiner : Plymouth University (2009-2013)

experience: BIM technologies in Engineering Surveying, Cadastre ,Legal Framework for Geomatics, Land Surveying , Geomatics, Field Schemes

research interest: Land Surveying, Engineering Surveying, BIM and Construction Management

e-mail: lakinpeter@virginmedia.com

LECTURE SESSIONS 1 | Thematic area: BIM technologies in Surveying and Design

L1: A BIM Overview

L2: BIM technology for construction

L3: SMART Cities

L4: BIM for Heritage

2



Renee Tobe, Architect, *School of Architecture Computing and Engineering (ACE) at (UEL) University of East London, UK*

current position: (a) Lecturer for BSc Architecture (Hons), PG Architecture, MA Architecture: Interpretation and Theories at School of Architecture Computing and Engineering (ACE) , (UEL) University of East London, UK

experience: publication of books / papers, external and visiting lecturer

research interest: fostering debate on critical thinking and critical practice, imaginative decision making, indeterminacy, and strategy; encourage engagement in responsible and practical research

e-mail: r.tobe@uel.ac.uk

LECTURE SESSIONS 2 | Thematic area: Architecture

L1: Urban Explorations and Historical Context

L2: Architecture and Filmic Representation

3



Vicente Guallart, Architect , Professor at (HSE) High School of Economics, Moscow, Russia and (IAAC) Institute for Advanced Architecture of Catalonia, Barcelona, Spain

current position: (a) Director of the Project for the Self Sufficient City at IAAC, Spain
(b) Lead Professor in Fab City Prototype studio, Master in City and Technology at IAAC, Spain
(c) Individual Thesis Supervisor In Masters in Advanced Architecture at IAAC, Spain
(d) Academic Supervisor of Laboratory for Experimental Urban Design and Programme Academic Supervisor of Prototyping Future Cities at HSE, Russia

experience: International Architecture Biennale of Rotterdam , The Netherlands (april 2016) – *exhibitor* ; Barcelona City Council (2011-2015) – *Chief Architect*; (IAAC) Institute for Advanced Architecture of Catalonia (2001-2011) – *Director and founder* ; Professional studio Guallart Architects (1994-2011) – *Director and founder*. He is an author of the books on architecture and urbanism. Guallart works at the confluence of architecture, nature and technology, being an author of architecture and urban project in Spain and numerous countries in the world.

research interest: architecture & urban design, theory and prototyping future cities

e-mail: vguallart@hse.ru

LECTURE SESSIONS 3 | Thematic area: Urban planning and design for Future Cities

L1: Prototyping Future Cities

4



Peter Orekhovsky, Phd in economic science, Professor

current position: (a) Leading Researcher, Center for Methodological, Historical and Economic Research, Institute of Economics, Russian Academy of Sciences
(b) Vice Rector for Research of the International Academy of Modern Knowledge (Obninsk)

experience: Honorary Worker of Higher Professional Education of the Russian Federation;
Publications: “Old and New Vices of the Russian Budget System” (2006), “Cities and Reforms” – a collective monograph edited by P. A. Orekhovsky (2002).

research interest: economic growth processes; institutional economics, municipal and regional economics; strategies and practice in urban economics

e-mail: orekhovskypa@mail.ru

LECTURE SESSIONS 4 | Thematic area: Urban planning and design: economic aspects

L1: Evolutional regularity of urban territories

5



Stefano Bertocci, Architect, Professor at the *Department of Architecture (Dipartimento di Architettura (DiDA)), (UNIFI) University of Florence, Italy*

current position: (a) Full Time Professor of Department of Architecture (DIDA), University of Florence, (sector - ICAR 17 Disegno (Design), area 08 Architettura (Architecture))
(b) Director of the Joint Laboratory University-Enterprise “Landscape Survey & Design”, LS3D of the University of Florence and University of Pavia
(c) Director of the Laboratory of Digital Survey of Architecture, Department of Architecture (DIDA), University of Florence;

experience: international & national survey and research of cultural heritage including World Cultural Heritage, numerous scientific publications (books, papers); Member of the Academic Board of the PhD School in architecture and Member of the Academic Board of Graduate School of Architectural and Environmental Heritage, University of Florence; Visiting Professor to the California State University- Florence;

research interest: cultural heritage, survey & design

e-mail: stefano.bertocci@unifi.it

LECTURE SESSIONS 5 | Thematic area: **Cultural Heritage: Survey and Design**

L1: International & National study on Survey in of World cultural Heritage

L2: Digital technologies in Surveying and Databasing for Cultural Heritage

6



Alkiviadis Prepis, Professor, *Democritus University of Thrace, Department of Architectural Engineering, Greece*

current position: (a) Professor of History of Architecture / Restoration – Redesign - Rehabilitation of Historic Buildings and Sites, in the Department of Architecture, Polytechnic School, Democritus University of Thrace, Greece
(b) Expert of ICOMOS for UNESCO World Heritage Sites
(c) Council of Europe for the Balkan Monuments

experience: Scientific missions in S-E Europe, Monastery of Sinai, Armenia, Georgia, Russia, Ukraine, Iran and Pakistan; Honorary Professor at the Kazan State University of Architecture and Engineering.

research interest: protection, restoration and rehabilitation of historic buildings

e-mail: alkisprepis@gmail.com

LECTURE SESSIONS 6 | Thematic area: **Cultural heritage: protection, management and reuse**

L1: Industrial heritage, T.I.C.C.I.H. = The International Committee for the Conservation of Industrial Heritage

L2: Management and re-use of the Industrial Heritage

L3: Reuse of industrial buildings and rehabilitation of the urban fabric

L4: Application of innovative digital technologies on presentation of diploma works on re-use of industrial heritage

7



Michelangelo Pivetta, Architect, Professor at the *Department of Architecture (Dipartimento di Architettura (DiDA))*, (UNIFI) University of Florence, Italy

current position: (a) Professor of Architectural Design, Department of Architecture (Dipartimento di Architettura (DiDA)), (UNIFI) University of Florence;

experience: 2006-2007 – Assistant Professor of Analysis of Urban Morphology and Architectural Typologies at the Faculty of Architecture - University of Florence; 2007-2008 – Assistant Professor of Contemporary Architectonic Culture at the Faculty of Architecture - University of Florence; 2009 – Researcher, SSD ICAR14 (Architectural and Urban Design) at the University of Florence, Dep. of Architecture Design, History of Architecture & Architecture Survey;

research interest: construction and architecture form

e-mail: michelangelo.pivetta@unifi.it

LECTURE SESSIONS 7 | Thematic area: **Architecture Design and Form**

L1: Renaissance, Palladium and Palladianism - Renaissance, Palladio and the Palladianism (s)

L2: Architecture and archeology: reflex images - Architecture / Archeology

L3: Digital and Virtual and the dawn of the last man - Digital and Virtual and the dawn of the last man

8



Alkistis Prepis, Architect, ENSA Paris-La-Villette, MSc Urbanism, PhD Candidate in Urbanism, NTUA

current position: (a) National Technical University of Athens, Sector II, Urban Planning and Regional Planning

experience: Architect, ENSA Ecole Nationale Supérieure d'Architecture Paris La Villette, France, MSc Urbanism, PhD Candidate in Urbanism, NTUA

research interest: urban design, urban planning and strategies

e-mail: alkprepis@yahoo.fr

LECTURE SESSIONS 4 | Thematic area: **Urban planing strategies and prectice**

L1: Urban resilience (or: Resilient cities): the T.I.N.A. version of urban planning

L2: Gentrification: the story of three cities

1



Egor Orlov, architect , (MACHI) Moscow Institute of Architecture

current position: (a) Teaching Assistant at the Department of Design of Architectural Environment, MARCHI
(b) Research fellow of the Scientific Design Lab at AI-Architects, Moscow

experience: winner of several international architectural completions; participant of international conferences and exhibitions in Russia, Spain, USA, China; nomination in Archiprix International 2015; publications of architectural works and drawings in Achiru, ArchDaily, Domus, Archspeech, TATLIN NEWS.

research interest: cybertopia, speculative architecture on the edge of design, fiction and futurology

e-mail: Egororlovrus@gmail.com



MASTER CLASS 1 | Thematic area: **Speculative utopia. Future shapes**

Today the architect is no longer working in the conflict of “truth” & “fiction”. The era of truth in architecture has been completed. First of all, *Utopian projects* are carried out in the speculative genre (from Latin language “Speculatio” - stalking, snooping) to answer the question "what if?". Master class is focused on (1) simulation of hypothetical organisms in the cities of the future, residents of urban ecosystems, (2) reflection of functioning of the new habitat and citizens on public spaces, (3) arrangement fictional urban fabric. Master Class format consists of three study-cases (Future Lab, Open Crits Lab and Final Open Crits Lab) focusing on a specific type and nature of the experiment in the process of prototyping hypothetical future cities.

2



Nikolai Ryabov, Senior Lecturer of the Restoration and reconstruction of architectural heritage and bases of architecture department, KSUAE

current position: (a) Senior Lecturer of the Restoration and reconstruction of architectural heritage and bases of architecture department, KSUAE

(b) Teacher at the “DASHKA” architecture school for children

experience: Member of the Russian Union of Designers; 5 personal exhibitions

research interests: architectural composition, paper modeling, graphical compositions

e-mail: ryabov.kazan@gmail.com



MASTER CLASS 2 | Thematic area: **Paper modeling as a sketching technique**

Paper modeling gives visible and partially self-sufficient representation of the relationship between shape and structure in the compositional modeling. Plate - rod, angular - curved, flat - three-dimensional, static - transformable, barrier – permeability - all these dialogical pairs which help us to understand the nature of the space and the form are easy to be represented during the modeling process.



Dr. Anna Akatyeva, architect, PhD in Architecture
SUE Territorial Design and Survey Production Company “Tatinvestgrazdanproject”, Kazan

membership: Union of Architects of Russia, Association of Designers of Russia

current position: Senior Architect at the Scientific Design Lab, SUE “Tatinvestgrazdanproject”, Kazan;

experience: research & design projects in Russia, architectural completions, international collaboration

research interest: professional language of an architect, integration of architectural theory & practice, mega projects

e-mail: akatyeva@gmail.com



MASTER CLASS 2 | Thematic area: **Architecture Graphical and Oral Presentation**

Master class is a practical part based on the theoretical aspects in architecture presentations.

It will include a discussion session as an element of professional communication and perceptual exchange to create a final concept for the project presentations. The students will discuss the postproduction process of the workshop including the learning outcomes and integrated design concepts, and create a strategy for representation and structure of the project materials. Master class is aimed to give a practical knowledge to students about professional communications in specific architecture & engineering area of activity.

Special Guest



Andrey Matveev, Creative Director of Children's entertainment projects

current position: (a) Art-director of “Diccover IT” and “Brainstore”

(b) Creative Director of Development company “SOLDCO”, Russia

experience: Co-founder of design studio “Пикспромо”;

An author of projects for children “Марабака” and “Микрочасти”;

Graphic Designer at “Грани”, “Концепто”, “Теория Дарвина”.

research interests: implementation of creative methods in design projects, interactive spaces for children, IT technologies

MASTER CLASS 2 | Thematic area: **Paper modeling as a sketching technique**

Paper modeling gives visible and partially self-sufficient representation of the relationship between shape and structure in the compositional modeling. Plate - rod, angular - curved, flat - three-dimensional, static - transformable, barrier – permeability - all these dialogical pairs which help us to understand the nature of the space and the form are easy to be represented during the modeling process.

i



Elza Bashirova, architect, lecturer and researcher at *(IAD) Institute of Architecture and Design, KSUAE*

current position: (a) Teaching Assistant at the Department of Theory and Practice of Architecture, KSUAE
(b) Programme Leader, Double Degree Programme at KSUAE in collaboration with (UEL) University of East London (UK),
(c) Researcher in Theory and History of Architecture, KSUAE;
(d) Teacher at the “DASHKA” architecture school for children.

experience: Organizer & Curator of the international competitions, seminars (RU);
An author of numerous publications in Russia.

research interest: ecology, aesthetics of architecture, environmental aesthetics, non-formal advanced architectural education

e-mail: bashirova.arch@gmail.com

ii



Sophia Agisheva, architect, lecturer & researcher at *(IAD) Institute of Architecture and Design, KSUAE*

current position: (a) Signor Lecturer at the Department of Theory and Practice of Architecture, KSUAE
(b) Programme Leader in Architecture for Double Degree Programme at KSUAE in collaboration with (UEL) University of East London (UK), (c) Researcher in Theory and History of Architecture

experience: (a) Teaching Assistant at the Department of Building Design, KSUAE;
(b) Internship at (EEA) Erick van Egeraat Association Architects, NL; (c) Internship at (UNIFI) University of Florence, IT;
(d) Organizer of the international exhibitions, workshops & summer schools (Russia, Italy, United Kingdom);
(f) An author of numerous publications in Russia and Italy.

research interest: cultural heritage & contemporary architecture, sustainable urban development, historic urban landscapes

e-mail: agisheva@mail.ru

iii



Albina Khayrullina, architect - restorer, teaching assistant at *(IAD) Institute of Architecture and Design, KSUAE*

current position: (a) Teaching Assistant at the Department of Reconstruction, Restoration of Architectural Heritage and the Foundations of Architecture, KSUAE
(b) Project manager, architect at Ltd “Zabir”; (c) Researcher in Theory and History of Architecture, KSUAE

experience: (a) Six years working experience with 30 projects on restoration and adaptation / reuse cultural heritage;
(b) Organizer of the International Workshops & Conferences (Russia);
(c) Membership at ICOMOS and All-Russian Society for the Protection of Monuments of History and Culture;
(d) An author of numerous publications on cultural heritage protection (Russia).

research interest: history of architecture, international experience and approaches of scientific and restoration activities

e-mail: stefanili@mail.ru

iv



Irina Nasyrova, architect - restorer, signor lecturer at *(IAD) Institute of Architecture and Design, KSUAE*

current position: (a) Signor Lecturer at the Department of Reconstruction, Restoration of Architectural Heritage and the Foundations of Architecture, KSUAE

experience: (a) Work at Tatar Special Scientific and Restoration Office of the Architect-Restorer;
(b) Membership at the Union of Architects since 2008 and All-Russian Society for the Protection of Monuments of History and Culture; (c) An author of numerous publications and manuals on research methods for cultural heritage preservation in Russia, and restoration projects in Kazan and Republic of Tatarstan (Russia).

research interest: history of architecture, modern technologies in the field of cultural heritage conservation

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v



Merine Grigoryan, architect, artist, teacher at *the "DASHKA" architecture school for children, KSUAE*

current position: (a) Teacher at the "DASHKA" architecture school for children, KSUAE ; (b) Master's degree student at KSUAE

experience: (a) Internship at «OFFICE DE Architects» in 2016 and «Архитектурный десант» in 2017, Russia;
(b) Professional development on "Architecture, spatial planning and improvement of the urban environment", Moscow School of Architecture MARSH, British Higher School of Design in 2017,
(c) Work on patent for dynamic architecture and kinetic structures; (d) Publication at architectural journals;
(f) Participant of International Workshops (Russia) and Competitions (Russia, NL, Iceland, Spain, Africa).

research interest: dynamic architecture, moving structures in architecture, kinetics

e-mail: iammerine.grigoryan@gmail.ru

vi



Anna Rikhert, architect, artist, teacher at *the "DASHKA" architecture school for children, KSUAE*

current position: (a) Teacher at the "DASHKA" architecture school for children, KSUAE ; (b) Master's degree student at KSUAE
(c) Architect at studio "Аксиом", Russia

experience: (a) Internship at «OFFICE DE Architects» in 2016 , «Архитектурный десант» in 2017, "MUZAdesign" in 2016-2017, "Идея" in 2015-2016, "Этаж", Russia;
(b) Participant of All-Russian Workshops (Russia) , Competitions (Spain, Russia), Conferences (Russia).

research interest: architecture, typology and changes in design of public libraries

e-mail: anna.rikhert@gmail.com

vii



Irina Karpova, architect - restorer, Associate Professor at *(IAD) Institute of Architecture and Design, KSUAE*

current position: (a) Associate Professor at the Department of Reconstruction, Restoration of Architectural Heritage and the Foundations of Architecture, KSUAE

experience: (a) Participant and Organizer of International and All-Russian Workshops, Conferences, Seminars and Public Activity on Restoration of cultural heritage, its protection and popularization;
(b) An author of numerous publications and restoration projects for cultural heritage, Russia).

research interest: history of architecture, restoration, modern technologies in the field of cultural heritage conservation

e-mail: i.karr@mail.ru

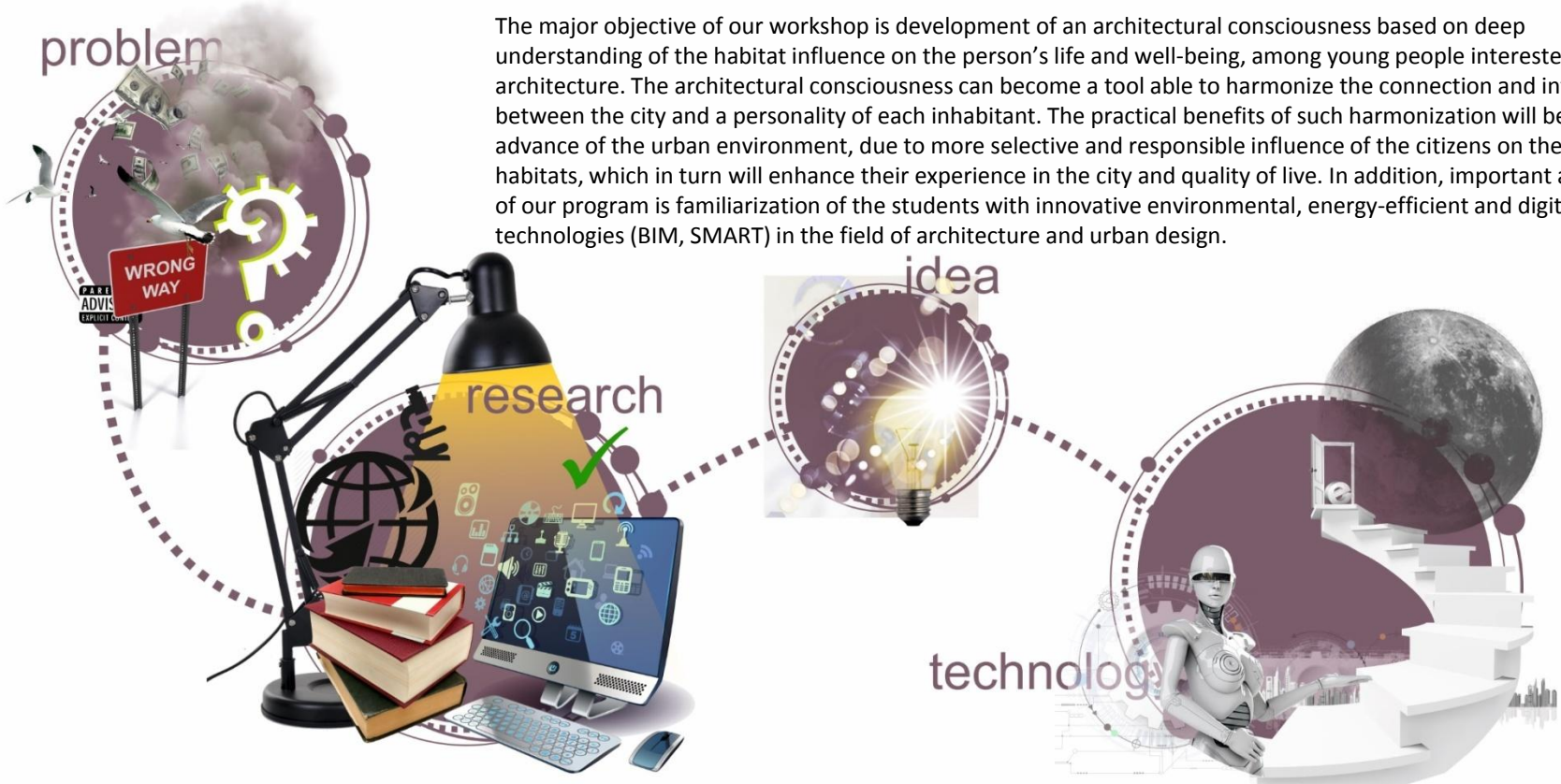


7 aspects x 7 teams

Interactive / Mobility / Integrity / Complexity / Continuity / Activity / Ephemerality

Our objective is the conceptual development of an interactive space that is safe, user friendly and adjustable to personal needs. Such a space will be a prototype of the future sustainable city that is capable of development and transformation according to the needs and interests of the citizens, families and communities. Participants will try their hand at social design with the help of digital technologies in architecture (BIM, SMART, parametric design).

The major objective of our workshop is development of an architectural consciousness based on deep understanding of the habitat influence on the person's life and well-being, among young people interested in architecture. The architectural consciousness can become a tool able to harmonize the connection and interaction between the city and a personality of each inhabitant. The practical benefits of such harmonization will be the advance of the urban environment, due to more selective and responsible influence of the citizens on their habitats, which in turn will enhance their experience in the city and quality of live. In addition, important aspect of our program is familiarization of the students with innovative environmental, energy-efficient and digital technologies (BIM, SMART) in the field of architecture and urban design.

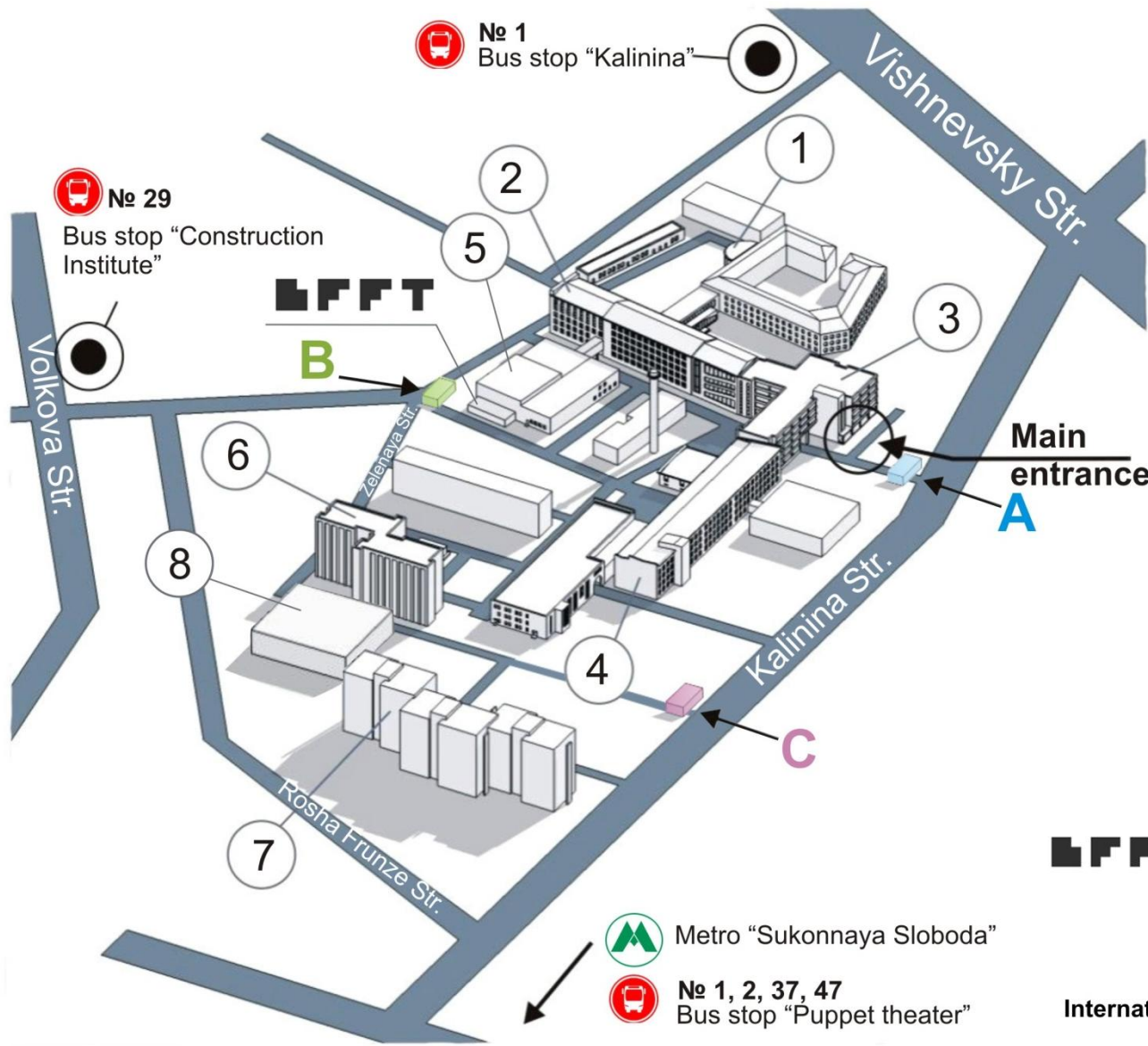




△ **Monuments of constructivism, Kazan City**

◁ **Kazan Kremlin, Kazan City**
(UNESCO World Heritage Site)





SCHEME KSUAE's Campus

- 1 - building №1
- 2 - building №2
- 3 - building №3
- 4 - building №4
- 5 - canteen
- 6 - student residence №4
- 7 - student residence №5
- 8 - sport complex

- A - entry from Kalinina Str.
- B - entry from Zelenaya Str.
- C - entry to the area of student residential complex and sport complex from Kalinina Str.



Architectural educational space
BFFT.space / Buffet

Ground floor,
building of KSUAE's Canteen
entrance from Zelenaya Str.

International Relations Department of KSUAE
Building 3, First floor, room 3-219

